

JOYEL VARGHESE

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Results-driven MERN Stack Developer with hands-on experience in building and deploying real-world applications. Adept at both frontend and backend development, with expertise in React.js, Node.js, Express.js, MongoDB, and PostgreSQL. Passionate about problem-solving, writing clean and efficient code, and optimizing web applications for performance and scalability.

WORK EXPERIENCE

MERN STACK DEVELOPER

Freelancer (2024 - Till Present)

- Developed scalable and optimized MERN stack applications with responsive UI and robust backend logic.
- Built and integrated real-time messaging feature using Socket.io and WebRTC(ZegoCloud).
- Implemented payment gateways (Stripe, Razorpay) for seamless online transactions.
- Deployed applications on AWS with Nginx reverse proxy and PM2 process management.
- Designed and optimized database schemas for efficient data retrieval and performance tuning.
- Utilized Redux Toolkit for state management and improved application performance by 30%.
- Enhanced authentication and authorization using JWT and OAuth.

MAJOR PROJECTS COMPLETED

E_LEARNING WEBSITE - TUTORG

Live Link : <https://tutorg.vercel.app/>

A Platform for personalised and collaborative learning of new skills

Tech Stack: React.js (Tailwind CSS, Material UI, TypeScript), Node.js, Express.js, MongoDB, Cloudinary, WebRTC

- Developed a collaborative learning platform with personalized courses and real-time interactions.
- Integrated Cloudinary for storing high-quality images and videos.
- Built a real-time chat feature using Socket.io and video conferencing using WebRTC(ZegoCloud).
- Implemented payment gateway (Stripe) for seamless transactions.
- Architected the backend using the Repository pattern for scalability.

E-COMMERCE WEBSITE - MOMENT

Selling and Buying Branded Watches Online

Tech Stack: React.js, Node.js, Express.js, MongoDB, Bootstrap, Razorpay

- Developed a fully functional e-commerce platform for buying and selling branded watches.
- Integrated Multer for product and profile image uploads.
- Implemented SWAL for alerts, order tracking, and coupon management.
- Designed sales reports and analytics dashboards using Chart.js.
- Used MVC architecture to structure the backend efficiently.

Contact

PRA 74,Komorothe House,

Challikavattom,Ernakulam,Kerala

Phone : +91 8921 50 4778

Location: Ernakulam,Kerala,India

Skills

Technical Skills

- Frontend: HTML, CSS, JavaScript, React, Redux, Bootstrap, Tailwind CSS.
- Backend: Node.js, Express.js, Mongoose, RESTful API
- Database: MongoDB, PostgreSQL
- Authentication & Security: JWT, OAuth, Google Authentication
- Cloud & Deployment: AWS, Firebase, DigitalOcean, Nginx, PM2
- Version Control: Git, GitHub
- Other Tools: WebRTC, Socket.io, RazorPay, PayPal, Cloudinary, Multer

Languages

- English (Fluent)
- Malayalam (Fluent)
- Hindi(Intermediate)

Certifications

- Full Stack Development (Udemy)

Qualification

- Bachelor of Technology in Mechanical Engineering

Mini-Projects

- Chat Application - Backend with Node.js, Express & MongoDB.
- Netflix Clone in React
- OLX Clone in React
- Doctor's Online appointment Application in React.
- Expense Tracker in MERN Stack with typescript

Additional Information

- Batch Coordinator during BootCamp at BroTOTYPE.(2024)
- Estimation Engineer at WALCO, Qatar (2019-2023)